ABSTRACT

There is provided a catalyst for a water gas shift reaction in a hydrogen gas which is able to effectively remove CO in the hydrogen gas within a broader temperature range.

Such a catalyst for the water gas shift reaction is characterized in that a metal oxide carrier supports at least platinum. The catalyst can be used for removing carbon monoxide in the hydrogen gas. Particularly, such a catalyst can be used in the water gas shift reaction for removing carbon monoxide in a reformed gas in a fuel cell generation system.